



The Daedalean

Semper Discens

ANNUAL REPORTS

The following Squadrons have submitted their annual reports: 103rd, , Royal Charter, CT Minutemen, and Thames River. I would appreciate it if the rest of you could do so in the next week since The Wing report must be filed by 15 February.

WING RIFLE COMPETITION

*Monthly Aerospace Education Newsletter of the Connecticut
Wing of the Civil Air Patrol*

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CALENDAR

February

04 FEB-Wing Squadron Commander's Call-CAC
18 FEB-Wing Staff Meeting

FOR FUTURE PLANNING

TBA APR-Wing DC Trip ((between 10-17 April)
TBA-MAY-Wing Rifle Tournament
13 June-Stratford Eagles Open House
27-28 JUN-RING Open House-Quonset, RI
TBA-JUN-Rocketry Contest
4-11 JUL-CTWG Cadet Encampment
10-18 JUL-NER Staff College
16-17 OCT-CTWG Conference and Cadet Ball

WRITERS WANTED

The Daedalean invites the readers to submit articles for publication. For further information, contact Capt Rocketto at srocketto@aquilasys.com

The Wing will hold a small bore rifle competition in the spring, probably May. No details are set but the course of fire will be 20 shots for record at 50 yards from the prone position using metallic sights. The tournament will be held at the Quaker Hill Rod and Gun Club. Firearms, ammunition, and targets will be supplied although Cadets may use their own approved rifles if they so desire. Prizes will be awarded by the Lewis System in which the entire field is broken into thirds and awards are presented in each third. Suggestions are welcome. Contact Capt Stephen Rocketto, DAE, at srocketto@aquilasys.com

2009 WING ROCKET CONTEST

No suggestions for change were submitted so these are the "Rules of Engagement" for the 2009 contest. The Contest will provide a basis for some winter aerospace and AEX activity. , The contest will again be held in conjunction with the Connecticut amateur rocketry club, CATO with a date to be announced, hopefully in the month of June.

Here are the rules:

1. Novices who have not competed in a previous contest will construct an Estes Alpha (balsa fins). The rocket will be decorated with a Squadron theme design.

2. Squadrons will enter a kit built rocket which replicates a historical vehicle. The entry will include a 300-500 page essay, typed and double spaced on why the rocket is historically important.

3. A scratch built rocket will be constructed based upon the theme, "Comic or Mythological Characters." These characters might include but are not limited to characters such as Superman, Mighty Mouse, Snoopy, or some other figure from newspapers, books, cinema, or TV.

Engine size for any entry is limited to D size engines but may be smaller.

Points will be assigned for quality of construction and decoration, flight, and uniqueness. A more complete list of criteria for judging will be forthcoming. If possible, we would like to expand the list of rockets submitted for judging but this may depend upon the participation and time available.

WING DC TRIP

The Aerospace Education Staff is setting up a Wing trip to the Washington, DC area which will take place during the statewide school vacation in the spring which occurs during the week of April 10-17 and will last four or five days.

The aerospace/military venues for the trip are the NASM at both the Mall and Dulles, the USMC Museum, the NRA National Firearms Museum, the USN Test Pilot Museum at Pax River, the USAF Air Transport Museum at Dover, the USA Ordnance Museum at Aberdeen, the NSA Museum and Vigilance Park, Goddard Space Flight Center, the Air Circus at Bealton, VA. All are located within 1.5 hours of the DC area.

Additionally, we might think of the FBI, Bureau of Engraving, National Archives, Holocaust Museum, and all of the Mall' other buildings and monuments.

These are just a few ideas and I have not touched on the full range of possibilities.

The idea would be to split up into special interest groups during a four day period and have the Cadets follow their own interests. We might also consider setting up some special events in advance by prior arrangement with staff at the sites.

Suggestions are welcome. Contact Capt Stephen Rocketto, DAE, at srocketto@aquilasys.com and send a copy to CAPT Art Dammers,. Wing Internal Aerospace Officer at art327@cox.net.



Let's Go to Washington

STRATFORD EAGLES VISIT INTREPID

by
John Connolly

Two Officers and eleven Cadets visited the *Intrepid* museum in New York City on December 29th, 2008. We were able to gain free admission by showing our CAPID cards. The ship has been cleaned up in the restoration process but there seems to be less emphasis on aviation and more on games and movies. Optional activities include a 4D flight simulator (\$10.00), the XD Theatre (\$6.00), and Scavenger hunts (\$2.50 per child). A snack bar is also on site. Some of the exhibits were interesting but you can go through the entire museum in about two and a half hours. It is hardly worth organizing a visit unless you tie it in with another activity. We made the best the day by visiting Battery Park in southern Manhattan. Keep in mind traffic in NY can be challenging. We were there during a holiday weekday which made the driving bearable.

ERIK NELSON REPORTS IN

Former Thames River Cadet Commander Erik Nelson was back from the Air Force Academy over the holiday break and has related some exciting experiences. While at Thames River, Erik was Cadet Squadron Commander, earned his private pilot license, and received the Mitchell Award. He was an National Honor Society student at Montville High School and Captain of the indoor and outdoor track teams and the cross country team. His extracurricular hobby was building hot rods.

Erik is now in his third year at the US Air Force Academy. He is majoring in Systems Engineering/Aeronautical Engineering and ranks academically in the top 15% of the class. He just spent a semester as 2nd ranking officer in his squadron during which he was accountable for the organization and discipline of 110 fellow cadets. His current position is Public Affairs NCO.

Between freshman and sophomore years, Erik participated in the parachuting program, completed five independent free falls, and earned his Jump wings. He was also an element leader in a two week combat preparedness exercise.



C2C Bryan Watson, C2C Erik Nelson, C2C Kevin Leroux at Jump School

During the sophomore year, he soloed the TG-10B *Merlin* glider, the AFA version of the L23 Super Blanik. For the next five months, in addition to his academic work and military duties, he also flew the TG-10C Kestrel (Blanik L-13AC) and became an instructor. Since that time, he has been teaching a special introductory flight program to new Cadets.



Czech Blanik TG-10C Sailplane

Erik still has the opportunity for powered flight. In exchange for flying privileges, he painted classmate Kristin Henry's Piper Comanche which is shown below.



Piper PA-24-250

He has also gained experience in the wider mission of the USAF. Erik has spent time at Shaw AFB, South Carolina working with F-16s, Little Rock AFB, Arkansas with C-130s, and Nellis AFB, Nevada at the A-10 Weapons School.



Eric and an F-16 at Shaw AFB

He has a number of options for the coming summer: a four week deployment to Kuwait, Summer Soaring Squadron Commander of the 94th FTS, or an academic research opportunity.

Erik expects to return to southeastern Connecticut in mid-summer and we hope that we can arrange a session so that Cadets can meet with him.

MEMORIES OF FEBRUARYS PAST

01 FEB, 1930-The Daniel Guggenheim Fund for the Promotion of Aeronautics is dissolved. During its lifetime, it promoted aviation, supported engineering schools, and funded Goddard's rocket research as well as the experiments which led to Doolittle's success in "blind flying."

02 FEB, 1933-Barksdale Field, Bossier City, Loisiaania is dedicated.

03 FEB, 1959-The Day the Music Died-Buddy Holly, Richie Valens, and the Big Bopper die in crash of a Beechcraft Bonanza near Mason City, Iowa.

04 FEB, 1957-The USAF takes delivery of its first Boeing KC-135 Stratotanker.



Stratotanker Climbing Out

05 FEB, 1923-The Collier Trophy, awarded annually for the greatest achievement in American aviation, is presented to the U.S. Airmail Service for one year of fatality free transcontinental service.

06 FEB, 1975-First Flight of the Beech PD-285, a prototype of the Model 77 Skipper.

07 FEB, 1954-First Flight of the Lockheed XF-104 piloted by noted aviator, Tony LeVier.



Starfighter

08 FEB, 1966 Freddie Laker, the eponymous founder of Laker Airways, institutes service from Gatwick using two Bristol Britannias.

09 FEB, 1936-Billy Mitchell goes West.

10 FEB, 1964-Ernst Sanger, , pioneer in the theory of spaceflight and advanced propulsion systems, goes West.

11 FEB, 1959-First Flight of the McDonnell Model 118/220, a four engined utility aircraft which lost the USAF contract competition to the Lockheed Jetstar. Only one was ever built , reportedly still exists and is located at El Paso International Airport.

12 FEB, 1935-The USN dirigible Macon goes down in a storm of Point Sur, California. After suffering severe damage in a storm, Lt. Cmdr Herbert V, Wiley elects a controlled water landing and skillfully brings the aircraft down losing only two men of the 83 man crew. Wiley, who served in all four USN commissioned dirigibles, survived the loss of the dirigible Akron off New Jersey, two years previously, and goes on to command the battleship West Virginia in WW II retiring as a Vice Admiral.

13 FEB, 1976-Alexander Lippisch, pioneer in the development of tailless aircraft and contributor to the design of the ME-163 and Douglas F4D Skyray, goes West.

14 FEB, 1951-First Flight of the Republic F-84F Thunderstreak.



Thunderstreak in Thunderbird Livery

15 FEB, 1931-In a test of night formation flying, nineteen Army aircraft fly from Selfridge Field, Michigan to Bolling Field, Washington, D.C.

16 FEB, 1977-A modified McDonnell YC-15 makes the first flight of the General Electric CFM56 high bypass turbofan.



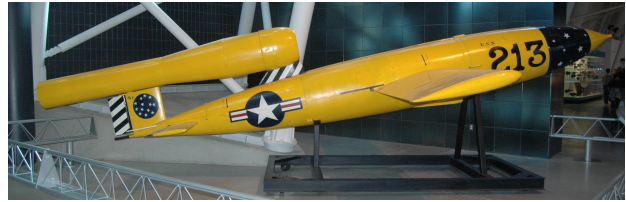
*YC-15 Retired to "The Boneyard" sans Engines.
Note Similarity to C-17.*

17 FEB, 1953-First Flight of the Lockheed 1049C Super Constellation.



Super Connie

18 FEB, 1947-The first launch of a missile from a submarine occurs when the USS Cusk fires a Loon from its deck while surfaced.



Ford JB-2 Loon-US Built V-1

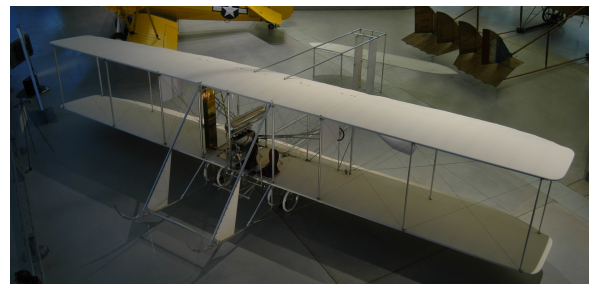
19 FEB, 1957-First Flight of the Bell X-14 VTOL aircraft. The X-14 was the only open cockpit "X plane" and utilized the empennage of a Beech T-34 and the wings of a Beech Bonanza as parts of its structure.

20 FEB, 1959-First Flight of the Handley-Page Victor B.2, the last of the trio of British V-bombers.



Victors at Lima

21 FEB, 1911-Robert F. Collier, the publisher of Collier Magazine, delivers a 1910 Wright "B" aircraft to the Army in San Antonio, Texas. The aircraft is rented to the Army at one dollar per month. Lt. Benjamin Foulois, who had previously received an hour of flight instruction from Orville Wright and with the assistance of Wright pilot Philip O. Parmalee and correspondence with the Wright Brothers, taught himself to fly. On 2 March, 1911, he performed the hat trick of his first solo takeoff, first solo landing, and first crash. After a long and distinguished career, he retired as a Major General and is buried in Washington, Connecticut.



Model B at The Smithsonian

22 FEB, 1925-First Flight of the D.H. 60 Moth under the control of none other than Geoffrey deHavilland.

23 FEB, 1934-First Flight of the Lockheed Electra.



Electra in US Registry and Canadian Colours

24 FEB, 1940-First Flight of the Hawker Typhoon.

25 FEB, 1930-Ralph O'Neil, President of New York, 'Rio, and Buenos Aires Line, lands a Consolidated Commodore in Miami after a six day trip from Buenos Aires. The flight initiates air mail service between Argentina and the United States.

26 FEB, 1946-A ceremony is held at Honington Air Station, Suffolk, England marking the end of Eighth Air Force operations in Great Britain.

27 FEB, 1929-Col. Charles Lindbergh crashed in Mexico City, dislocating his shoulder. His fiancée, Ann Morrow, escapes unharmed.

28 FEB, 1998-First Flight of the RQ-4A Global Hawk.